Title (en)
ABLATION CATHETER SYSTEM WITH BALLOON

Title (de)
ABLATIONSKATHETERSYSTEM MIT BALLON

Title (fr)
SYSTÈME DE CATHÉTER D'ABLATION AVEC BALLONNET

Publication
EP 2433583 B1 20180307 (EN)

Application
EP 10777736 A 20100518

Priority
• JP 2010058317 W 20100518
• JP 2009122827 A 20090521

Abstract (en)
[origin: EP2433583A1] In order to perform balloon ablation and spot ablation by one ablation catheter without exchanging an ablation catheter body at the time of treatment by catheter ablation, an ablation catheter (1A, 1B) with a balloon is provided with a catheter shaft (3), a balloon (2) which is mounted to the front end side in the longitudinal direction of the catheter shaft, a lumen (5) which communicates with the balloon from the end face on the back end side in the abovementioned longitudinal direction, an in-balloon electrode (10, 37) and an in-balloon temperature sensor (11) which are disposed in the balloon, and a front end electrode (14) and a front end temperature sensor (15) which are mounted in a front end region including the end face on the front end side in the abovementioned longitudinal direction.

IPC 8 full level
A61B 18/14 (2006.01); **A61B 18/08** (2006.01); **A61F 2/958** (2013.01); A61B 18/00 (2006.01); A61B 18/04 (2006.01); A61B 18/12 (2006.01)

CPC (source: EP KR US)
A61B 18/082 (2013.01 - EP US); **A61B 18/12** (2013.01 - KR); **A61B 18/14** (2013.01 - KR); **A61B 18/1492** (2013.01 - EP US);
A61M 25/10 (2013.01 - KR); **A61M 29/02** (2013.01 - KR); A61B 18/1233 (2013.01 - EP US); A61B 2018/00214 (2013.01 - EP US);
A61B 2018/0022 (2013.01 - EP US); A61B 2018/00351 (2013.01 - EP US); A61B 2018/00702 (2013.01 - EP US);
A61B 2018/00791 (2013.01 - EP US); A61B 2018/00797 (2013.01 - EP US); A61B 2018/00875 (2013.01 - EP US);
A61B 2018/046 (2013.01 - EP US); A61B 2018/124 (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2433583 A1 20120328; **EP 2433583 A4 20140115**; **EP 2433583 B1 20180307**; AU 2010250418 A1 20111103; AU 2010250418 B2 20121206;
BR PI1010942 A2 20190409; BR PI1010942 B1 20210601; CA 2760082 A1 20101125; CA 2760082 C 20141125; CN 102438538 A 20120502;
CN 102438538 B 20150610; DK 2433583 T3 20180507; ES 2665000 T3 20180424; JP 2010268933 A 20101202; JP 5444840 B2 20140319;
KR 101319899 B1 20131018; KR 20120022886 A 20120312; RU 2011152120 A 20130627; RU 2489984 C1 20130820;
TW 201100051 A 20110101; TW I504377 B 20151021; US 2012059368 A1 20120308; US 9144458 B2 20150929; WO 2010134503 A1 20101125

DOCDB simple family (application)
EP 10777736 A 20100518; AU 2010250418 A 20100518; BR PI1010942 A 20100518; CA 2760082 A 20100518; CN 201080022132 A 20100518;
DK 10777736 T 20100518; ES 10777736 T 20100518; JP 2009122827 A 20090521; JP 2010058317 W 20100518; KR 20117026492 A 20100518;
RU 2011152120 A 20100518; TW 99116037 A 20100520; US 201013320053 A 20100518